

Bering Sea – Aleutian Islands and Gulf of Alaska Pacific cod

Alaska Board of Fisheries
October 18-19, 2018
Anchorage, Alaska

Oral report: RC 3

Staff comments: RC 2



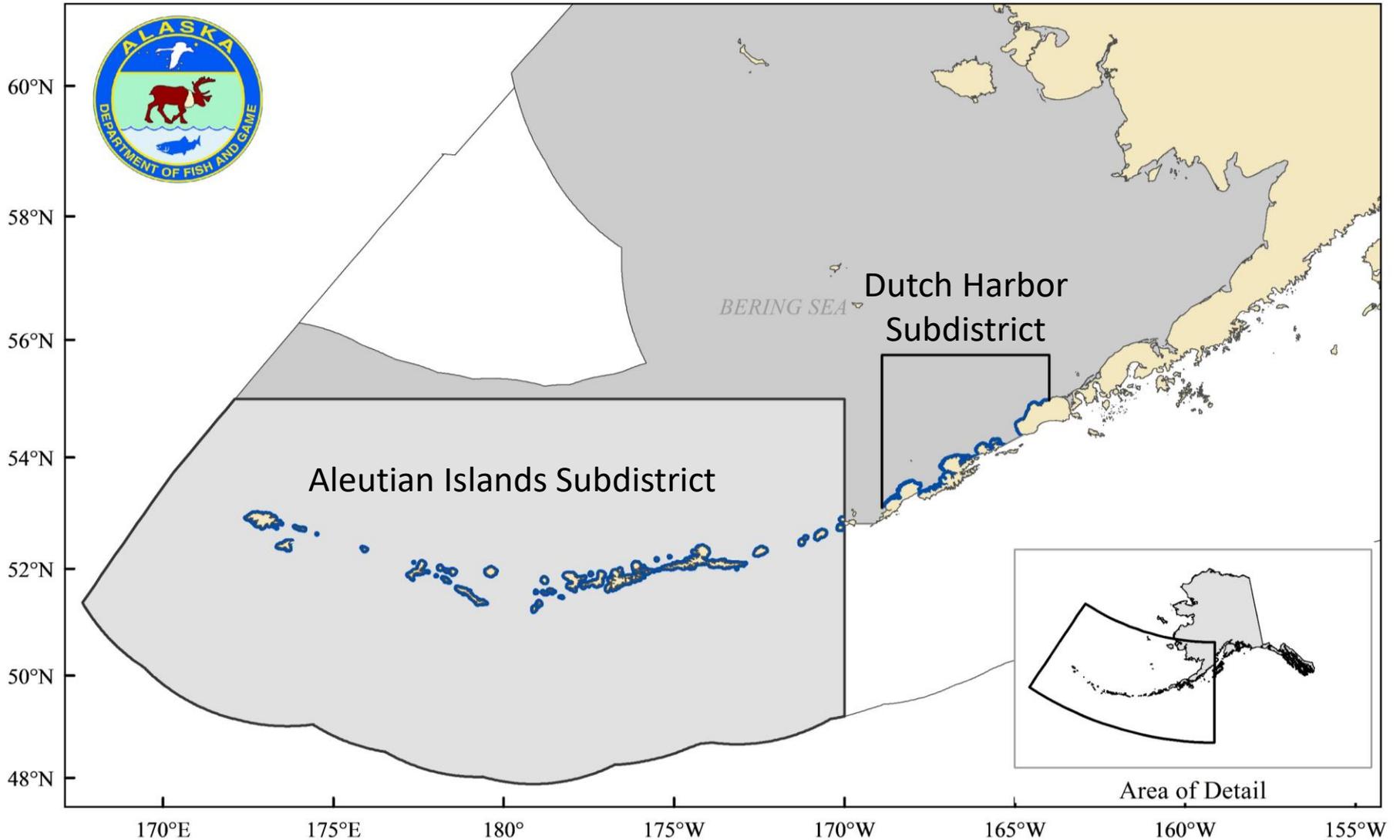
Alaska Pacific Cod Fisheries

Federal: Federal waters (3-200 nmi) guided by NPFMC process. Harvest deducted from federal TAC.

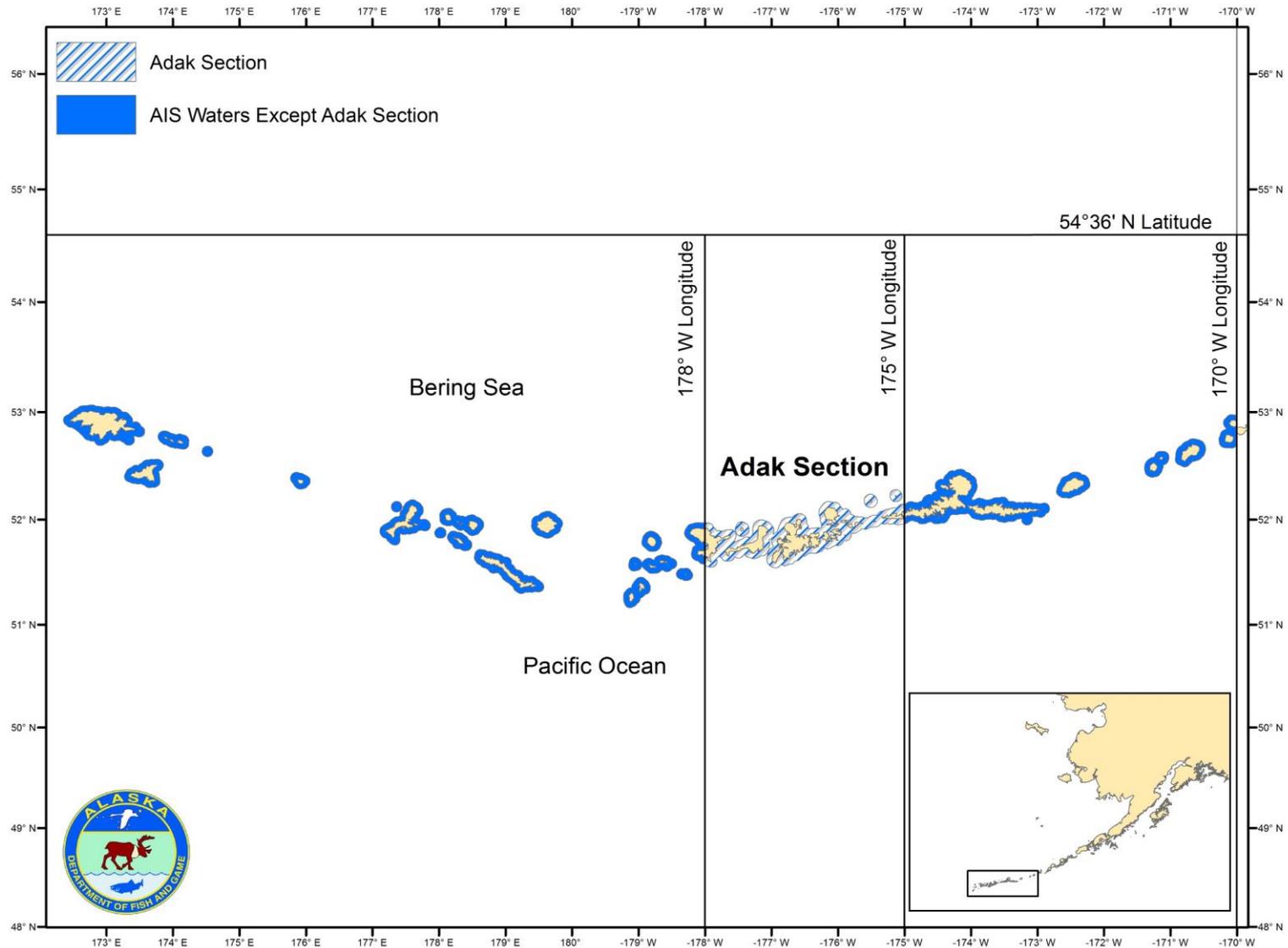
Parallel: State waters (0-3) nmi concurrent with adjacent federal fishery and generally adopt federal regulations and management measures as guided by the board process. Harvest deducted from federal TAC.

State-waters (GHL): State waters (0-3 nmi) guided by the board process. Harvest deducted from state GHL.

Bering Sea-Aleutian Islands



Aleutian Islands Subdistrict (AIS)



Aleutian Islands Subdistrict (AIS)



- Fishery began 2006
- GHL = 27% federal AI ABC
 - Increases 4% each year following achievement of GHL to a max 39%
 - 15 million lb GHL limit
 - Not allocated between gear types
- Open Access - Non-exclusive registration area
- Two seasons:
 - Jan 1 \leq 60 ft OAL - Adak Section
 - Mid-March larger vessels
- Legal gear
 - Pots, trawl, jig, longline, hand trawl
- 150,000 lb daily and trip limit

Aleutian Islands Subdistrict (AIS)

Year	Season	GHL	Harvest	GHL Achieved	Vessels	Landings	Average price per pound	Fishery value
2006	A season	8,981,540	8,502,781		26	68	\$0.23	\$1.30
	B season	3,849,232	352,821		5	19	\$0.38	\$1.40
	TOTAL	12,830,772	8,855,602	N	30	87	\$0.31	\$2.70
2007	A season	8,148,202	8,229,931		27	97	\$0.45	\$3.60
	B season	3,492,086	3,409,070		12	106	\$0.52	\$1.70
	TOTAL	11,640,288	11,639,001	Y	39	203	\$0.49	\$5.30
2008	A season	8,148,202	7,477,507		30	116	\$0.63	\$4.50
	B season	3,492,086	4,241,692		18	77	\$0.57	\$1.80
	TOTAL	11,640,288	11,719,199	Y	45	193	\$0.61	\$6.30
2009	A season	8,425,981	5,537,886		22	50	NA	NA
	B season	3,611,135	CF		5	47	CF	CF
	TOTAL	12,037,116	CF	N	27	97	CF	CF
2010	A season	8,055,608	7,959,514		16	84	\$0.25	\$1.60
	B season	3,452,404	826,170		3	4	\$0.32	\$1.10
	TOTAL	11,508,012	8,785,685	N	16	88	\$0.29	\$2.70
2011	A season	10,879,701	CF		3	4	CF	CF
	B season	4,662,729	CF		4	16	CF	CF
	TOTAL	15,542,430	595,289	N	6	20	CF	CF
2012	A season	14,537,132	11,462,339		21	201	\$0.31	\$3.60
	B season	6,230,200	953,312		7	25	CF	CF
	TOTAL	20,767,332	12,341,027	N	26	226	CF	CF
2013	A season	14,213,056	CF		12	CF	CF	CF
	B season	6,091,310	CF		1	CF	CF	CF
	TOTAL	20,304,366	10,563,646	N	13	151	CF	CF
2014	A season	12,504,712	CF		8	133	CF	CF
	B season	5,359,162	0		0	0	\$0.00	\$0.00
	TOTAL	17,863,874	CF	N	8	133	CF	CF
2015	A season	12,620,583	CF		2	CF	CF	CF
	B season	5,408,821	0		0	0	\$0.00	\$0.00
	TOTAL	18,029,404	CF	N	2	CF	CF	CF
2016		10,476,259	CF	N	6	39	CF	CF
2017		12,797,703	CF	N	3	84	CF	CF
2018		12,798,000	CF	Y	14	132	CF	CF

Proposal 1

Replace AIS management plan with Dutch Harbor Subdistrict Management Plan

Current

- Jan 1 opening – Adak Section
 - ≤ 60 ft trawl, pot, jig
 - ≤ 58 ft longline
- Mid-March opening, based on federal trawl closure
 - ≤ 125 ft pot
 - ≤ 100 ft trawl
 - ≤ 58 ft jig, longline
- 150,000 lb daily and delivery limit
- Non-exclusive registration area

Proposed

- Open 7 days after federal BSAI under 60 pot and HAL closure
- Pot vessels ≤ 58 ft OAL
 - 60 pot limit
- No harvest limitations
- Exclusive registration area



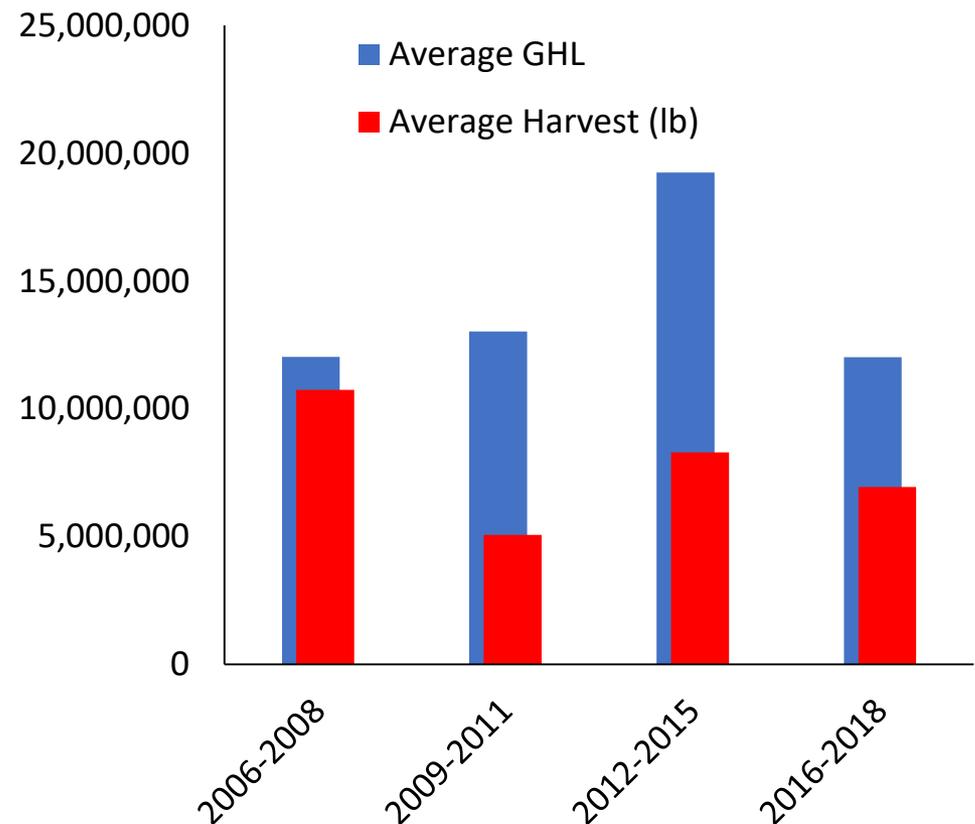
Number of vessels by gear type and vessel size in the Aleutian Islands Subdistrict state-waters Pacific cod fishery

Year	Longline		Jig		Pot		Trawl		Total vessels
	Less than 59 ft	Over 58 ft	Less than 60 ft	61 to 125 ft	Less than 60 ft	61 to 125 ft	Less than 60 ft	61 to 100 ft	
2006	3	5	0	0	0	3	3	17	31
2007	0	0	0	0	1	11	7	13	32
2008	7	2	5	0	3	11	5	17	50
2009	6	0	2	0	0	3	6	10	27
2010	0	1	0	0	0	6	4	9	20
2011	2	1	0	0	0	2	0	2	7
2012	6	0	3	0	6	0	7	9	31
2013	1	0	0	0	7	0	1	4	13
2014	0	0	0	0	4	0	2	2	8
2015	0	0	0	0	0	0	0	2	2
2016	0	0	0	0	0	0	0	6	6
2017	0	0	0	0	3	0	0	0	3
2018	0	0	0	0	6	2	5	1	14

Proposal 2

Eliminate the 15 million lb AIS GHL limit

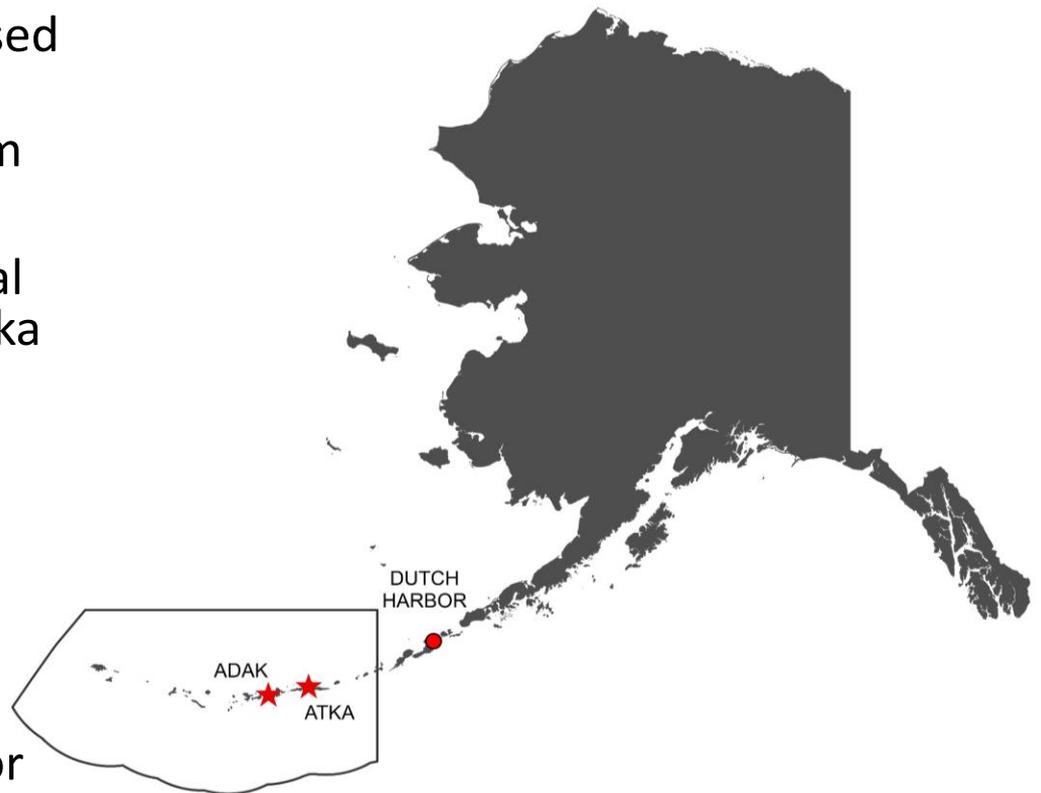
- Fishery historically underutilized
 - GHL achieved in 2007, 2008, and 2018
- GHL limit established in 2015
- Reduce likelihood of foregone harvest
 - No shore-based processor
 - Limited participation



Proposal 3

Adjust the annual AIS GHL based on western Aleutian processor availability

- For years without a shore-based processor
 - Lowers baseline GHL from 27% to 13.5% of AI ABC
- When processor is operational in communities of Adak or Atka
 - GHL set according to current regulations
- Fishery historically underutilized
- Reduce likelihood of unharvested GHL
 - No shore-based processor
 - Limited participation



Proposal 4

Reduce the annual AIS GHL based on the harvest in the preceding year

Currently:

- $\geq 90\%$ harvest = GHL achieved
 - GHL step up
- Baseline GHL = 27% federal AI ABC
 - Increases 4% each year following achievement of GHL to a max 39%
- Reduction inline with step up regulations
- $< 85\%$ harvest of GHL
 - GHL not achieved
 - GHL reduced step-wise by 4% from previous year to a minimum of 11% of AI ABC
- Reduce likelihood of unharvested GHL
 - No shore-based processor
 - Limited participation



Proposal 5

Increase the 2020 AIS GHL based on the federal set-aside that is not available in the Aleutian Islands due to unrestricted trawl harvest in the 2019 fishery

- Federal set-aside not recognized in state regulations
- Adopted in 2016 and first enacted in 2018
- May increase GHL by as much as 11 million lb (5,000 mt)
- Not accrue toward 15 million lb limit
- May pre-empt federal fishery

TABLE 9a—FINAL 2018 BSAI A-SEASON PACIFIC COD LIMITS ALEUTIAN ISLANDS FOR SHOREPLANTS INTENTION TO PROCESS PACIFIC COD ¹

2018 allocations under Aleutian Islands CV Harvest Set-Aside	Amount (mt)
AI non-CDQ TAC	14,016
AI ICA	2,500
AI DFA	11,516
BS non-CDQ TAC	168,005
BSAI Trawl CV A-Season Allocation	29,768
BSAI Trawl CV A-Season Allocation minus Sector Limitation ²	24,768
RS Trawl CV A-Season Sector Limitation	5,000
AI CV Harvest Set-Aside	5,000
AI Unrestricted Fishery	6,516

¹ These allocations will apply in 2018 because NMFS received notice of intent to process AI Pacific cod by October 31 of the previous year, pursuant to § 679.20(a)(7)(viii), and the performance requirements set forth in § 679.20(a)(7)(viii) are likewise met. Prior to October 31, 2017, NMFS received timely notice from the City of Adak indicating intent to process AI Pacific cod for the 2018 season. Accordingly, the harvest limits in Table 9a will be in effect in 2018, subject to the performance requirements outlined in § 679.20(a)(7)(viii).

² This is the amount of the BSAI trawl CV A season allocation that may be harvested in the Bering Sea prior to March 21, 2018, unless modified because the performance requirements were not met.

Proposal 6

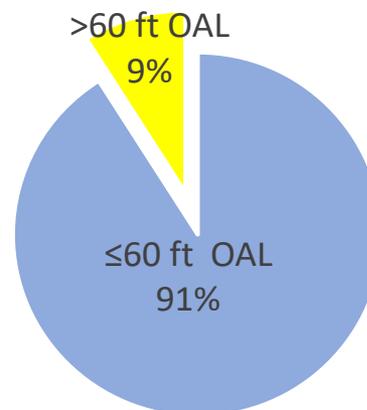
Establish a 60 ft OAL size limit on all vessels in AIS

Current

- Jan 1 season – Adak Section
 - ≤ 60 ft trawl, pot, jig
 - ≤ 58 ft longline
- Mid-March season
 - ≤ 125 ft pot
 - ≤ 100 ft trawl
 - ≤ 58 ft jig, longline
- 150,000 lb daily and delivery limit

Proposed

- ≤ 60 ft OAL for trawl, pot, jig, and hand troll
- ≤ 58 ft longline
- 150,000 lb daily and delivery limit
- Roll over provision



2018 Proportion of Harvest by Vessel Size

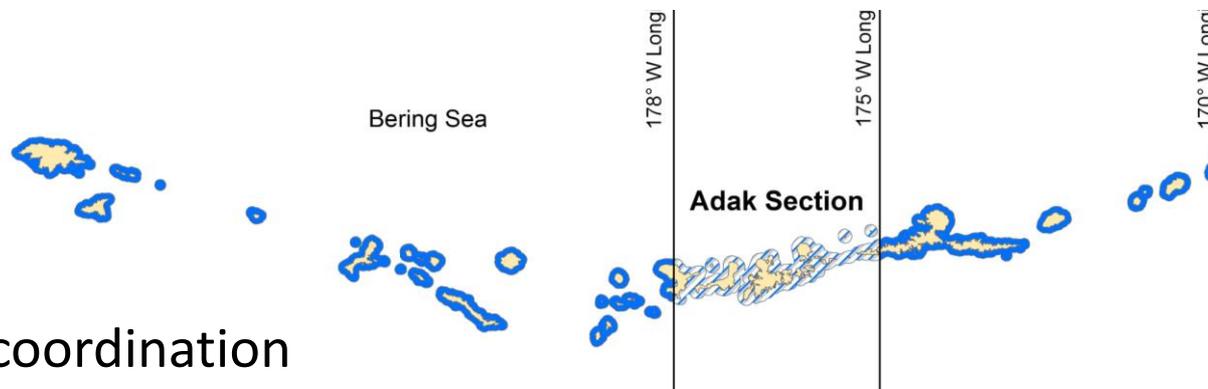
Proposal 7

Allow trawl vessels 100 ft or less OAL with holding capacity of $\leq 250,000$ lb to fish in the Adak Section during state-waters and parallel seasons

Aleutian Islands state waters seasons for trawl vessels by length

	State-waters		Parallel	
	Adak Section	West of 170° W (excluding Adak Section)	Adak Section	West of 170° W (excluding Adak Section)
January 1	≤ 60 ft OAL	Closed	Closed	All vessels
Mid-March	≤ 100 ft OAL	≤ 100 ft OAL	Closed	Closed
State-waters closure	Closed	Closed	≤ 60 ft OAL	All vessels

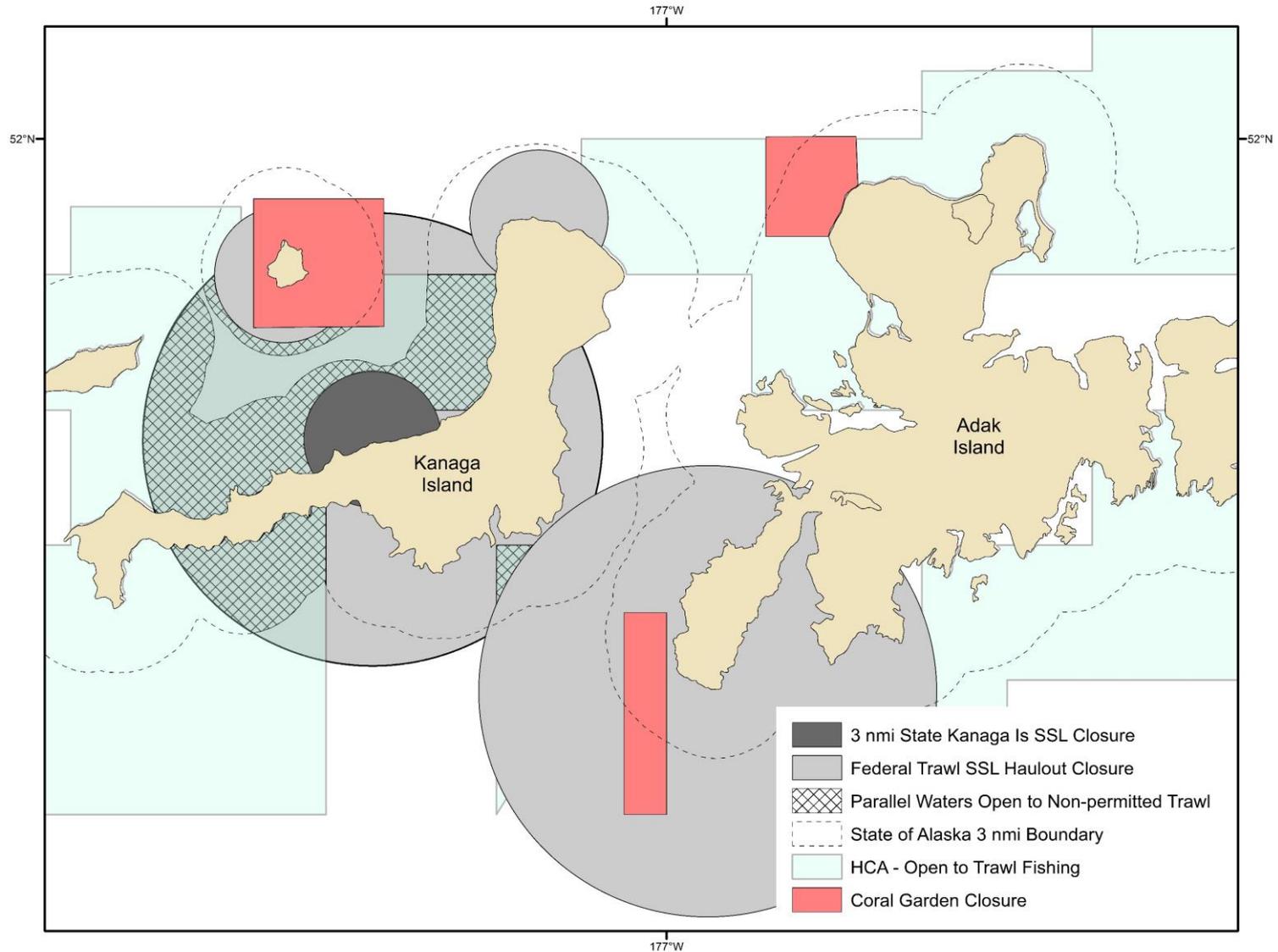
Parallel fishery SSL coordination



Bering Sea – Aleutian Islands Area Parallel Pacific cod Fisheries

- Occur when there are no state waters fishery open for a vessel's gear type and size
- Inside state-waters; corresponds with the times, area, and gear of the federal season in adjacent federal waters
- Mirrors federal regulations and Stellar sea lion protection measures except:
 - State waters between 175° and 178° W. Long
 - Vessel size limits:
 - Trawl, pot, jig, and hand troll gear no more than 60 feet OAL
 - Longline gear no more than 58 feet OAL
 - Kanaga Island/Ship Rock only a 3nmi sea lion closure (federal 10 nmi closure)

Kanaga Island/Ship Rock SSL Closure



Proposal 8

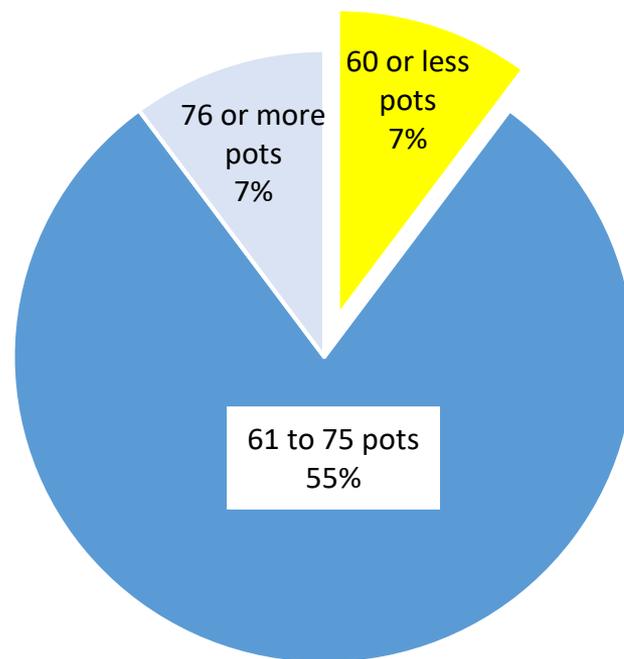
Limit pot gear vessels participating in AIS to 60 groundfish pots

- GHL not allocated by gear type
- 150,000 lb daily and delivery limit
- No current gear limitations

Pot gear seasons

- Jan 1 opening – Adak Section
 - ≤ 60 ft pot
- Mid-March opening, based on federal trawl closure
 - ≤ 125 ft pot

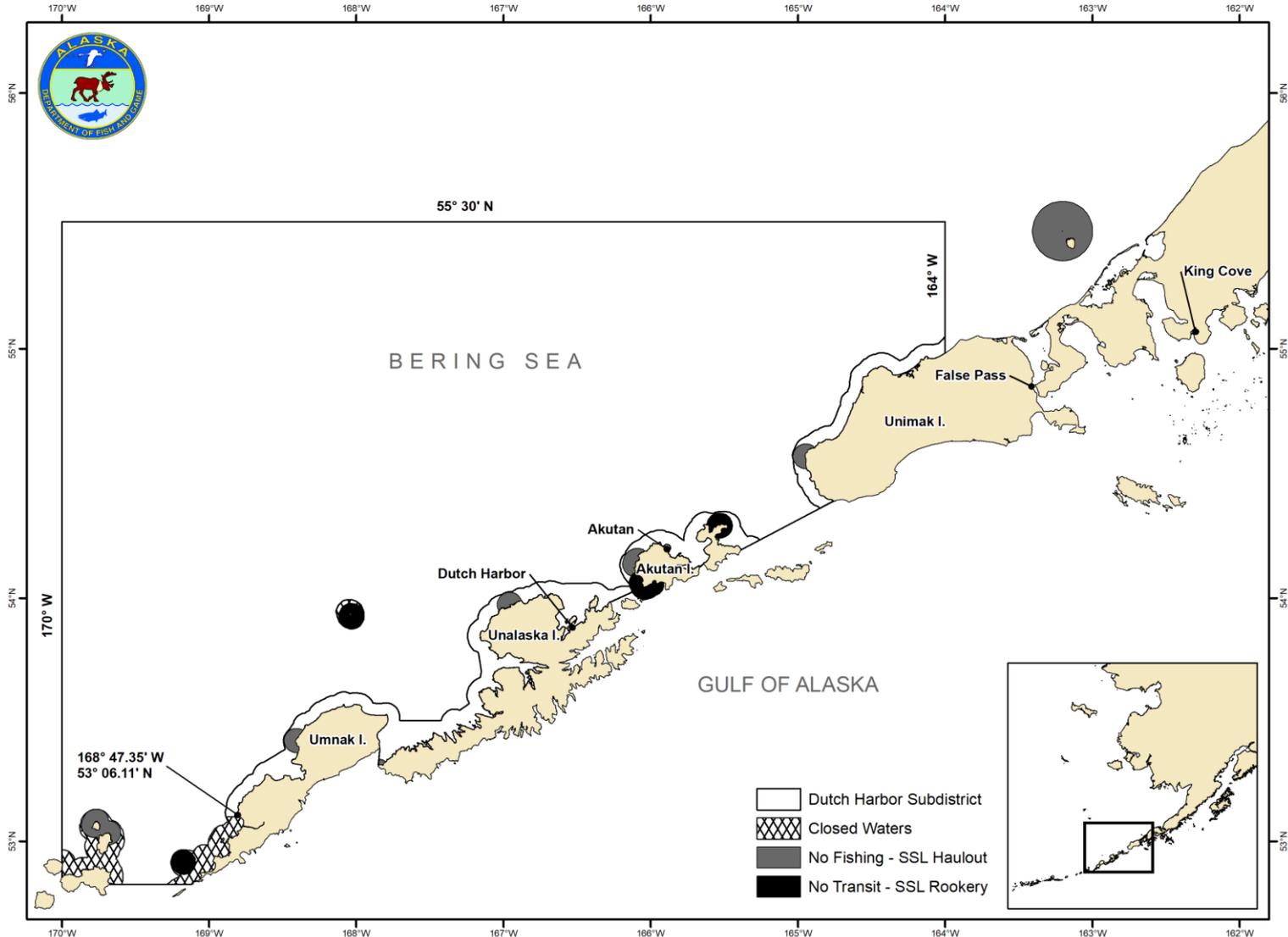
Proportion of Harvest by Pots Registered



Average number of pots registered per vessel, by year and vessel size in the Aleutian Islands Subdistrict state-waters Pacific cod fishery

Year	Less than 60 feet	Greater than 60 feet	Overall Average
2013	105	–	105
2014	116	–	116
2015	–	–	–
2016	–	–	–
2017	62	–	62
2018	63	200	102

Dutch Harbor Subdistrict (DHS)



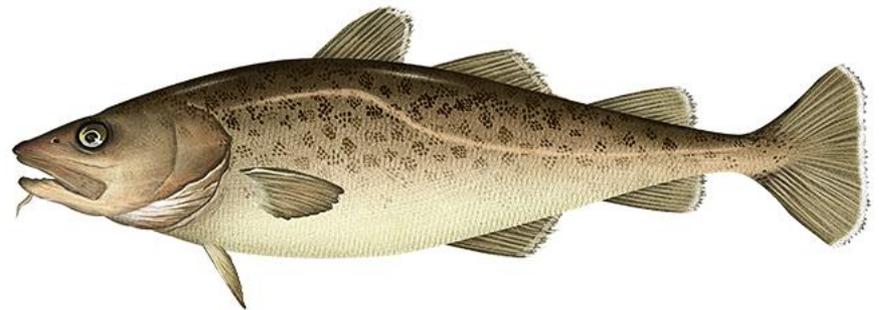
Dutch Harbor Subdistrict (DHS)



- Fishery began 2014
- GHL = 6.4% federal BS ABC
- Exclusive registration area
- Opens late-January to mid-February
- Pot vessels ≤ 58 ft OAL
- 60 pot limit
- No trip limitations

Dutch Harbor Subdistrict (DHS)

Year	Vessels	Landings	GHL (pounds)	Harvest (pounds)	Price per pound	Exvessel value
2014	16	205	17,863,874	17,666,510	\$0.28	\$5,006,797
2015	14	183	18,029,404	17,636,103	\$0.27	\$4,763,751
2016	24	421	35,979,072	35,519,920	\$0.28	\$9,846,051
2017	24	349	33,721,562	33,247,414	\$0.30	\$10,067,240
2018	32	286	28,360,000	29,055,603	\$0.41	\$11,817,047
Avg.	22	289	26,790,782	26,625,110	\$0.31	\$8,300,177

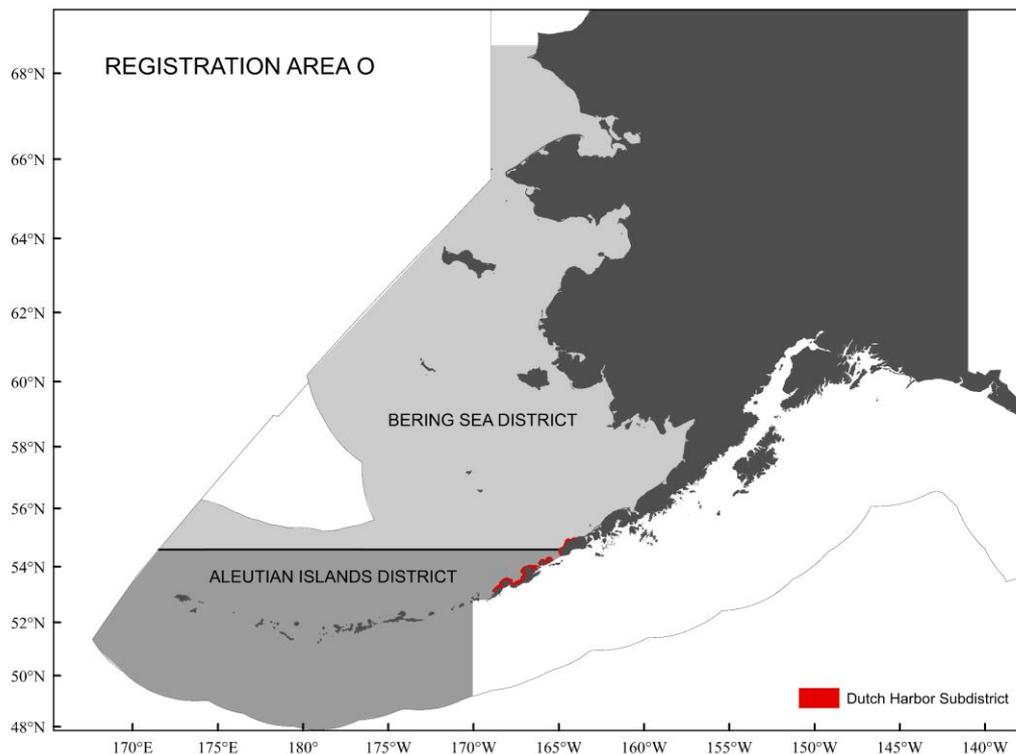


Proposal 9

Proposal Intent: Close state waters in the DHS to trawl vessels during the state-waters season

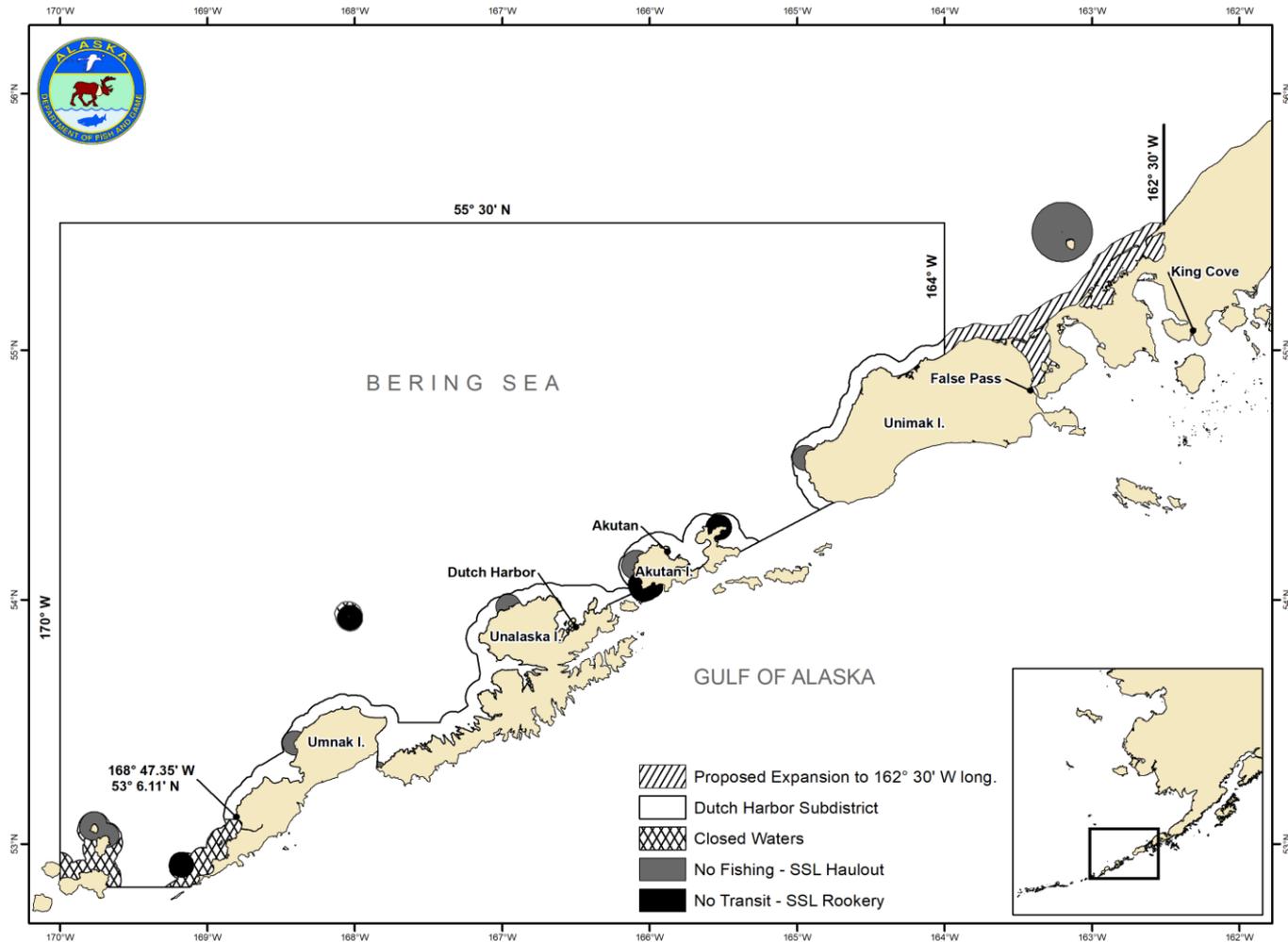
As written:

- Close all state waters of the Bering Sea District
- Only small portion of the DHS
- Parallel P cod fishery open in DHS during state-waters season
 - Only closed to P cod pot vessels ≤ 60 ft OAL



Proposal 10

Extend eastern boundary of DHS from 164° W long to 162° 30' W long



Proposal 11

Create state-waters P cod management plan for jig vessels in DHS

Current

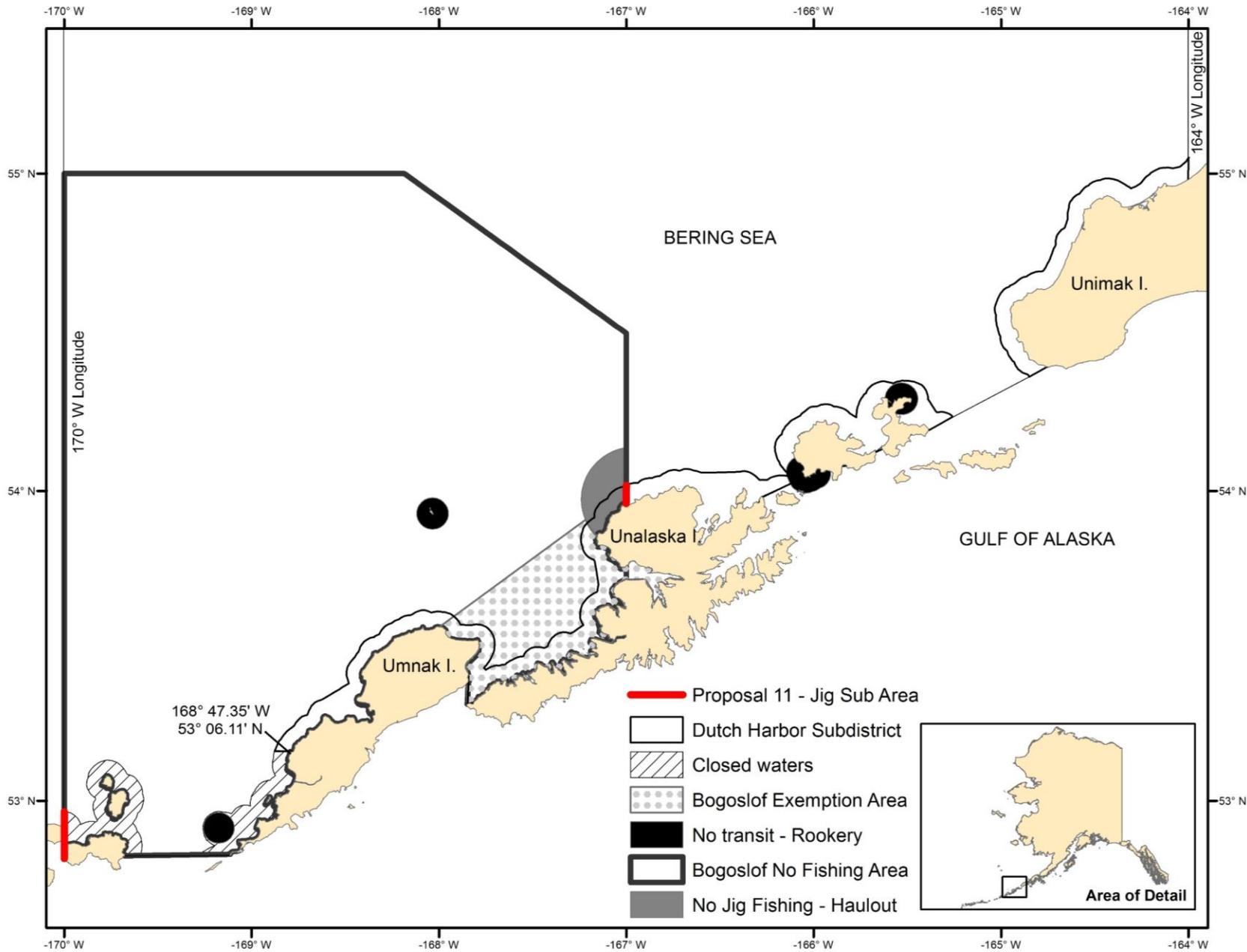
- GHL= 6.4% federal BS ABC
- Pot gear vessels ≤ 58 ft OAL
- Exclusive registration area
- All state waters of DHS
- Parallel jig fishery open concurrent to DHS state-waters fishery
- Bogoslof Exemption Area allocated 113 mt for HAL and jig C/V ≤ 60 ft OAL in federal regulation
 - C/Ps are allowed in state-waters

Proposed

- Create 100,000 lb GHL
- Jig gear vessels only
- Non-exclusive registration area
- State-waters from 167° – 170° W long
- Management considerations



Photo: VesselFinder



Proposals 12, 13 and 14

Proposal 12

Increase the GHL to 20% of the federal Bering Sea ABC

Proposal 13

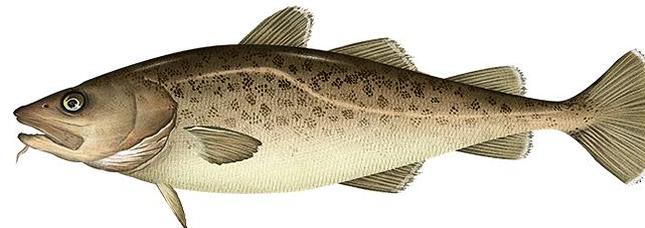
Increase the GHL to 10% of the federal Bering Sea ABC

Move the easternmost boundary to 163° 30' W long

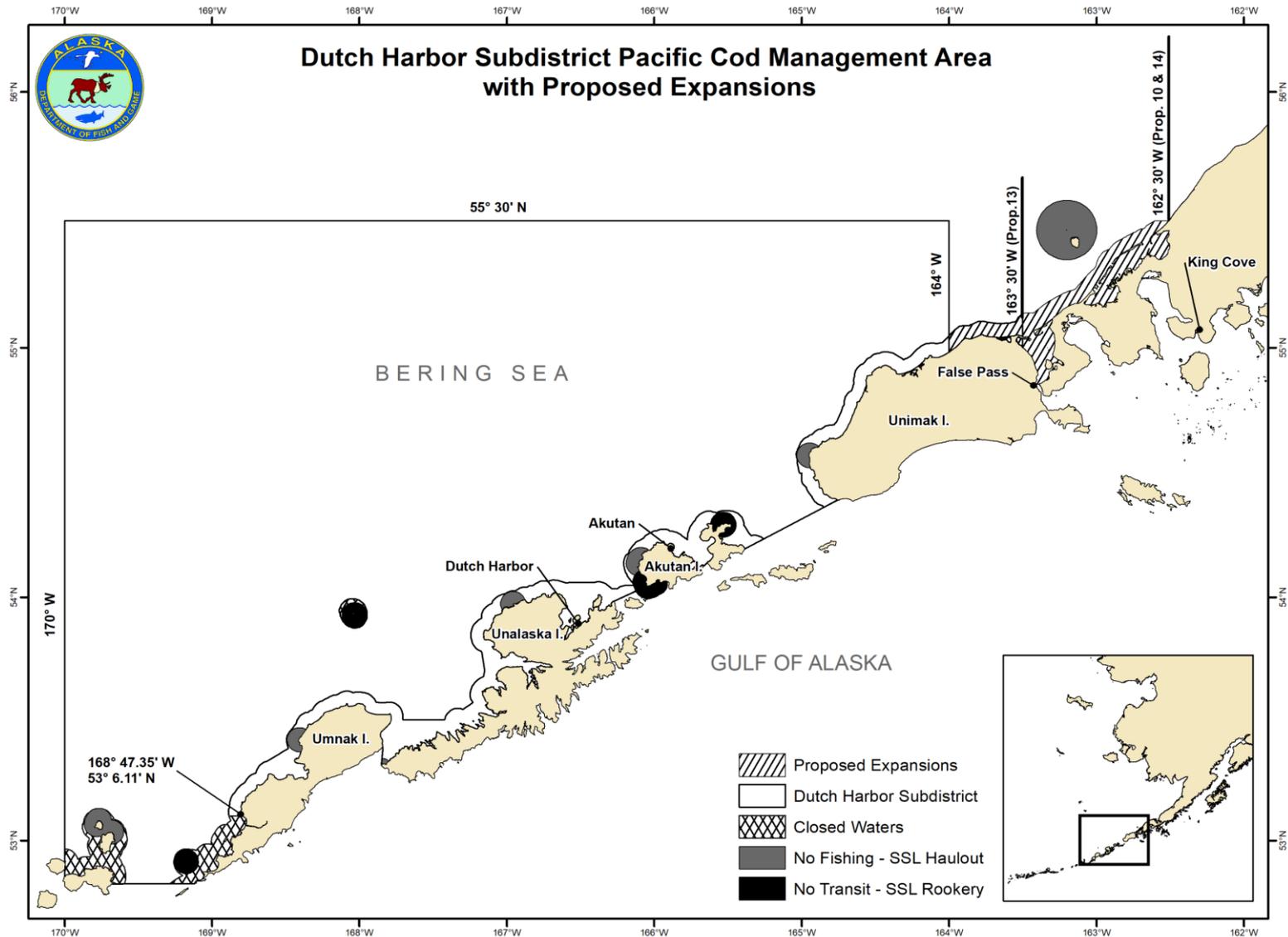
Proposal 14

Increase the GHL to 8% of the federal Bering Sea ABC

Move the easternmost boundary to 162° 30' W long

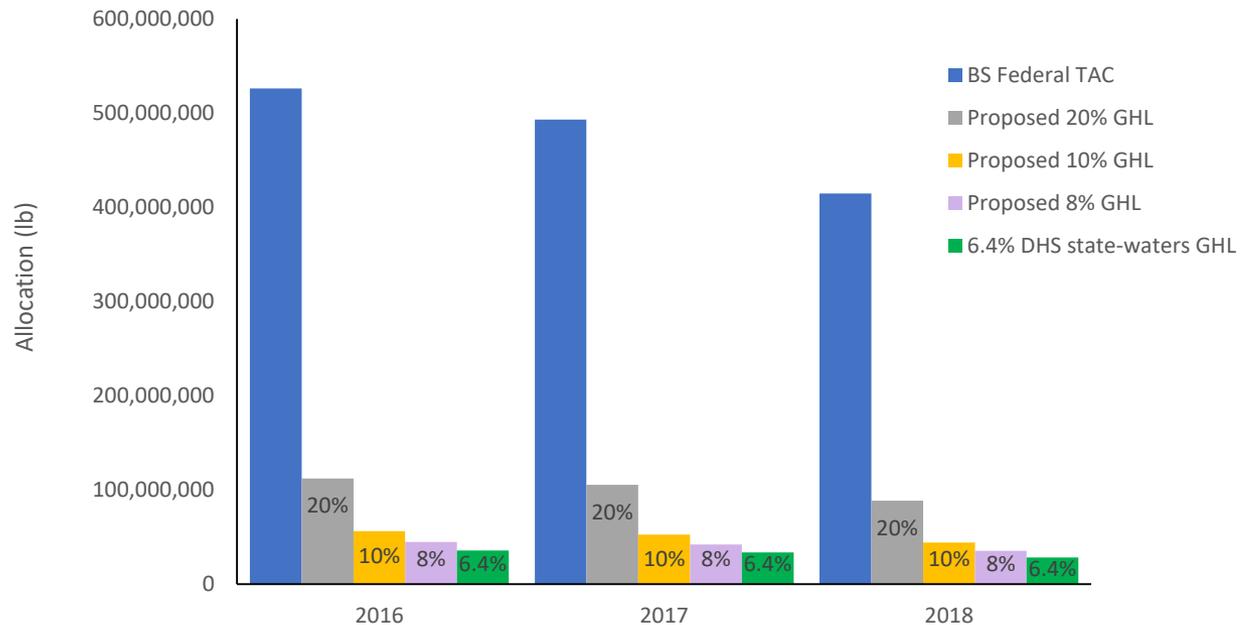


Proposals 10, 13 and 14



Proposals 12, 13 and 14

Year	BS ABC	Current	Proposal 12	Proposal 13	Proposal 14
		6.4% GHL	Proposed 20% GHL	Proposed 10% GHL	Proposed 8% GHL
2016	562,173,000	35,979,072	112,434,600	56,217,300	44,973,840
2017	526,899,400	33,721,562	105,379,880	52,689,940	42,151,952
2018	443,124,600	28,359,974	88,624,920	44,312,460	35,449,968



Federal Pacific cod Allocations by Sector

BSAI federal Pacific cod harvesting sectors	2018 TAC allocations (%)	2018 TAC (pounds)
Bering Sea CDQ	NA	44,380,803
Aleutian Islands CDQ	NA	3,701,523
Longline catcher processor	48.7%	194,719,090
Longline catcher vessel \geq 60 ft LOA	0.2%	800,270
Pot catcher processor	1.5%	5,996,512
Pot catcher vessel \geq 60 ft LOA	8.4%	33,587,081
Longline or pot catcher vessel <60 ft LOA	2.0%	7,996,084
Trawl catcher vessel	22.1%	88,684,444
AFA trawl catcher processor	2.3%	9,228,456
Amendment 80 trawl catcher processor	13.4%	53,772,399
Jig	1.4%	5,617,321
Total	100.0%	448,483,983

Proposal 15

Create a 150,000 lb daily harvest and delivery limit on vessels participating in the DHS Pacific cod fishery and require daily reporting

- Legal gear
 - Pots
 - 60 pot limit
- No trip limitations
- Reporting requirements currently established by in-season managers



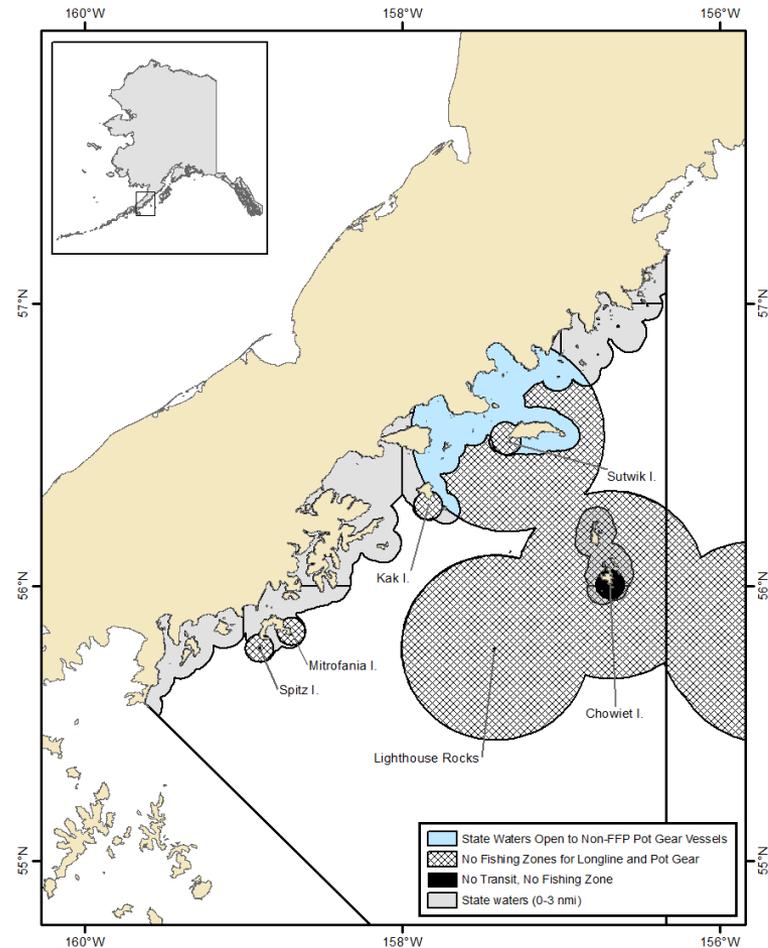
An aerial photograph of a coastal bay. The foreground shows a dark, sandy beach curving along the left side, bordered by green, rolling hills. The water is calm, reflecting the sky and the sun, which is low on the horizon, creating a bright, shimmering path of light across the water's surface. In the distance, a range of mountains is visible under a sky filled with soft, white clouds. The overall scene is serene and scenic.

Gulf of Alaska Pacific cod Fisheries

Proposal 16

Coordinate season opening dates between Chignik Area state-waters and parallel Pacific cod fisheries

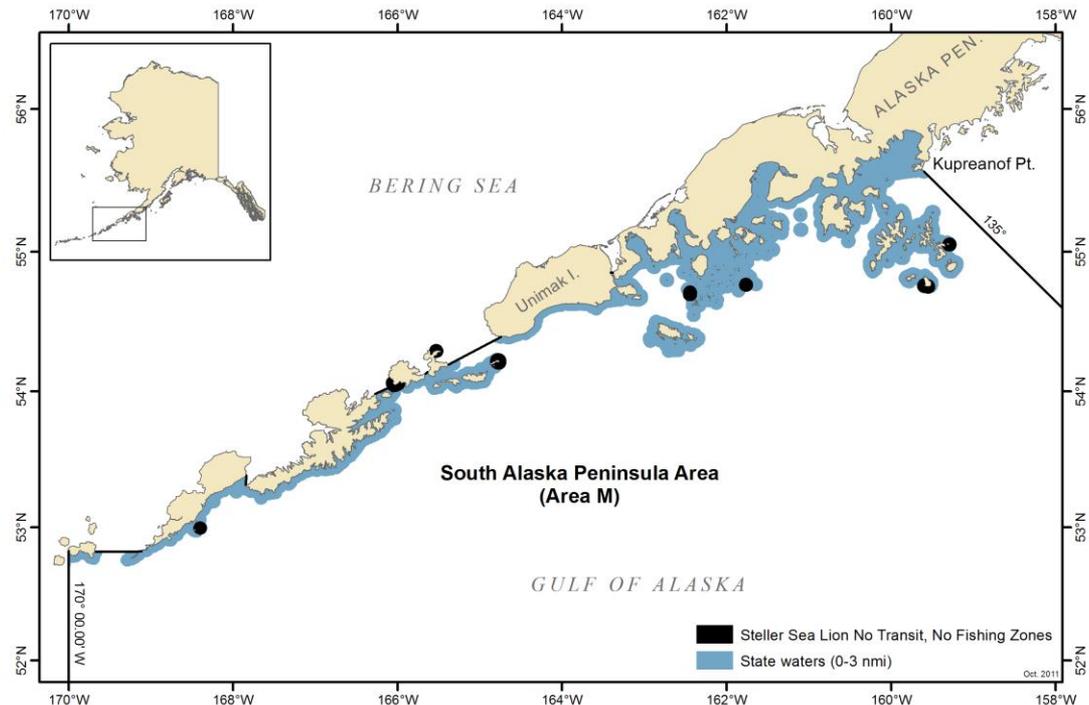
- Roll-over allocation from jig to pot gear
- Roll-over moved from Oct 30 to Aug 15
- Parallel open Sept 1
- Only allows for 2 week harvest



Proposal 17

Repeal weather delay provision for jig vessels during the South Alaska Peninsula Pacific cod fishery

- Jig allocation not achieved since 2014
- Recent seasons open mid-March through December
- Ave weather delay is 3 days



Questions?

